

The distribution of species of the Genus
Hipparchia Fabricius, 1807
(Lepidoptera, Satyridae)
in Bulgaria

von
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Earlier literature on *Rhopalocera* for the territory of Bulgaria reports four species of Genus *Hipparchia*: *H. fagi* Scop., *H. semele* L., *H. fatua* Fr., and *H. statilinus* Hfn. In his revision of the Genus *Hipparchia* (KUDRNA, 1980) speaks of the species *H. senthes* Fruh. and *H. volgensis* MAZ.-PORSH., occurring in Bulgaria. In order to establish the distribution of this species in Bulgaria I examined the entire collection kept at the National Natural History Museum in Sofia, all authors, worked on up to 1950, with the exception of the DRENOWSKI collection, which is in the Museum of Nat. His., Skopje. Also examined were the collection of BOTCHAROV, KARNOZHITZKI, LUKOV and ZAGORCHINOV collection, all of them later given to the National Natural His. Museum and kept there. Data from the private KIRIAKOV, BESHKOV and P. SHIRKOV collection from Sofia were also used.

The examination of this material allows the following conclusions:

The species *H. fagi* Scop. is comparatively broadly found in Bulgaria on plains up to 1100 - 1200 m a.s.l. in the mountains. Its close species *H. syriaca* Stgr. occupies chiefly lowlying and warm locations in south and south west Bulgaria and the Black sea coast. In the part of the habitat *H. syriaca* flies with *H. fagi*.

The species *H. semele* L. is chiefly found in north Bulgaria, the Balkan Range and other mountains in Bulgaria. In lower and warmer regions in south-west Bulgaria and along southern Black sea coast it is replaced by the species *H. senthes* Fruh. The third species of the same group *H. volgensis* Maz.-Porch., besides lower and warmer areas in the mountain belt of some mountains up to 1000 m. In some places *H. senthes* and *H. volgensis* fly together, however *H. volgensis* is rarer.

Data on the Genus *Hipparchia* given in literature, which I have not had the chance to examine are not included in this publications.

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Systematic part:

HIPPARCHIA fabricius, 1807

H. fagi Scopoli, 1763

Distribution: S.W.Bulg.- Ossogovo mountain, Lozen mountain, -German closter, Zemen gorge, Vitosha mountain -Vladaja, Predela, Kressna gorge, Rila mountain - Rila closter.

S.-Bulg.- Rhodopi mountain - up to 1200 m., Strandža mountain-Malko Tarnovo, Primorsko, village Taža near Kazanlak.

Stara Planina mountain - Iskar gorge, Petrochan, Karlovo.

N.Bulg.-Aladža closter near Varna.

H. syriaca rebeli Varga

Distribution: S.W.Bulg.- Ogražden mountain up to 800 m, village Tzegrilovtzi near Tran, Kressna gorge, Blagoevgrad.

S. Bulg. - Rhodopi mountain (River Lukovitza near Asenovgrad, Brestovitza, Kardžali), Plovdiv, Achtopol, Burgas, Arkutino, Malko Tarnovo Primorsko, Panagjuriste, Koprivstizza, village Banja near Pazardžik, Streltcha.

Stara Planina - Silven

N. Bulgaria - Varna, village Staro Orjachovo.

H. semele Linnaeus, 1758

Distribution: S.W.Bulg.- Lozen mountain - German closter, Rila mountain - Stanke Dimitrov, Ljulin mountain, Zemen gorge.

S.-Bulg.- Village Banja near Pazardžik, Strandža mountain, Rhodopi -(h. Dobra voda, village Varvara near Velingrad).

Stara Planina - Petrochan, Slivenski Balkan.

N.-Bulg.-Razgrad, Gorna Orjachovitza.

H. volgensis delattini Kudrna, 1975

Distribution: S.W.-Bulg.- Vitosha mountain - Dragalevski closter Kožuch near Petrich, Kressna gorge, Sandanski.

S.-Bulg.-Burgas, village Bjaga near Pazardžik, Rhodopi - Belovo.

N.-Bulg. - Varna.

H. senthes Fruhstorfer, 1908

Distribution: S.W.-Bulg.-Alibotush mountain, Kressna gorge, Kožuch near Petrich, Ogražden mountain up to 500-600 m.

S.-Bulg.-Arkutino.,

Stara Planina - Silven.

H. fatua Freyer, 1945

Distribution: S.W.-Bulg. - Kressna gorge, Kožuch, Ogražden mountain up to 400 m., Alibotush mountain, Sandanski.

S.-Bulg.- Sakar mountain, South Black sea coast, Rhodopi - Batchkovo closter.

N.-Bulg.- Varna

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